

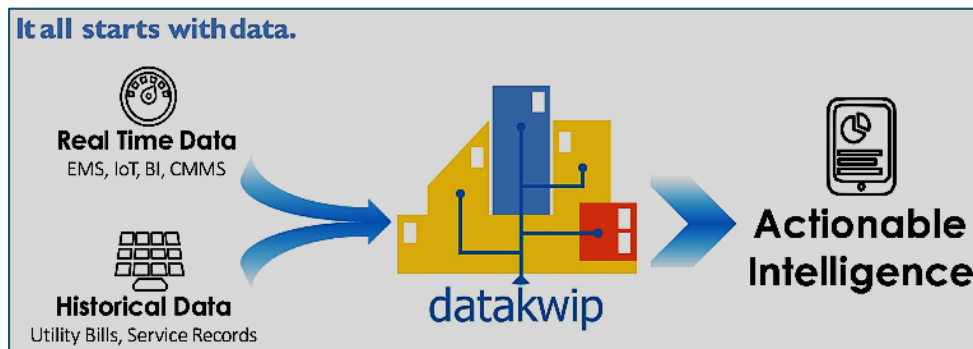
Datakwip

Real-time facility intelligence that will raise your bottom line.

DATAKWIP: CAPABILITY DESCRIPTION

At its core, Datakwip's platform collects and standardizes real-time data from numerous facility data sources to automate the evaluation process and deliver key insights to facility stakeholders via Artificial Intelligence/Machine Learning. Datakwip's primary product is its Monitoring Based Commissioning (MBCx) platform for commercial facilities, which drives insights including, but not limited to, equipment performance, predictive maintenance, operating cost analysis, and energy consumption forecasting. Datakwip collects real-time and historical data from:

- Existing proprietary and non-proprietary Building Automation Systems (BAS)
- Computer Maintenance Management Systems (CMMS)
- Enterprise Asset Management Platforms (EAMP)
- Internet of Things (IoT) devices
- Web-based data sources from Utilities and third-party organizations



MISSION-RELATED USE CASES

Datakwip is a Facilities Analytics Solution for users to see and receive real-time alerts and historical sensor data and machine-learning intelligence associated with building assets, building operations, occupant locations, and hazards. USE CASES MAY INCLUDE: Protective Security Coordination of Critical Infrastructure, to include planning for preparedness, and sharing information and tools to ensure the availability, security, and resilience of the Nation's critical infrastructure; Infrastructure Capacity Building, to include increasing the security and resilience of facilities; Federal Facility Security & Emergency Planning; and Protecting Intermodal Transportation Systems.

PRODUCT SPECIFICATIONS

The software connects on-premises systems to the cloud; Integrations via web services with ERP/FM/GIS/SCADA/EMS/BAS/IoT systems; Viewer is browser-based, no plugins required; Configurable workflows and User Defined Dashboards & Reports.

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- Datakwip approved as authorized contractor under the Pepco & BGE utility incentive programs. As such, Datakwip was first MBCx solution provider to be approved by Pepco in the last 5+ years.
- Datakwip selected as a semi-finalist for U.S. General Services Administration's (GSA) Green Proving Ground (GPG) and the U.S. Department of Energy's (DOE) High Impact Technology (HIT) Catalyst programs.
- Datakwip signed up more buildings for the MBCx incentive program than all other MBCx solution providers combined since the incentive program's inception in 2008, to include contracts with Brandywine Realty Trust, Peel Properties/Lincoln Property Company, The Bernstein Companies, JBG Smith/Vornado, and Medimmune/AstraZeneca.

Savings Calculations

- Datakwip's artificial intelligence provides project level measurement and verification with real-time calculations and alerting on prescribed KPIs & implemented ECM's.

Managed Alerts

- Datakwip ensures that the right person gets the right information at the right time, notifying personnel regarding critical issues when they happen.

Predictive Maintenance

- Using real-time data, Datakwip detects problems before they happen. Proactive facility management limits equipment downtime, preventing unnecessary impact to tenant comfort.

Real-Time Reporting

- Datakwip's real-time reporting and web accessible dashboards provide actionable intelligence on the state of a facility.

SCITI LABS

The SCITI Labs program is a collaboration between the U.S. Department of Homeland Security (DHS) [Science and Technology Directorate](#) (S&T) and its industry partners to develop smart technologies for public safety and related missions. The program focuses on adapting commercially viable products to meet mission needs in three areas:

- **Smart Buildings**, including sensors and communications;
- **Unmanned Aerial Systems** for indoor and outdoor search and rescue; and
- **Mobile SmartHubs**, combining communications & sensors to increase situational awareness

Datakwip is one of the Smart Building technology performers for SCITI labs.

DHS S&T Contact: SPTechnologyCenter@hq.dhs.gov

For more information on Datakwip, visit: www.datakwip.com

